



# Monthly Noise & Operations Report January 2020

Prepared by:  
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Environmental & Noise Analyst

## Introduction:

DeKalb-Peachtree Airport (PDK) is located in a highly noise-sensitive area as it is surrounded by residential communities. Aircraft noise is noise pollution generated by an aircraft, and may occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups may contribute noise pollution to the surrounding areas. While aircraft are in the air, noise pollution can occur underneath and to the sides of departure and arrival paths.

The primary goal of the **PDK Good Neighbor Program** is to serve as a community-based program with aims to reduce aircraft noise levels in the vicinity of the airport. Since its inception, the program has sought to increase awareness of airport operations and develop airport/community partnerships with the surrounding cities of Chamblee, Doraville, Dunwoody, Brookhaven, North Atlanta (including the Buckhead community), and others. The program is a multifaceted one that uses many approaches to convey information in a succinct manner.

The program strives to reduce overall aircraft noise disturbances by soliciting airport-user involvement. Community and airport participation, learning, and cooperation are the keys to the program's success.

This report provides a monthly summary of airport operations, noise disturbances, and impacts to the surrounding neighborhoods to airport users and the surrounding communities.

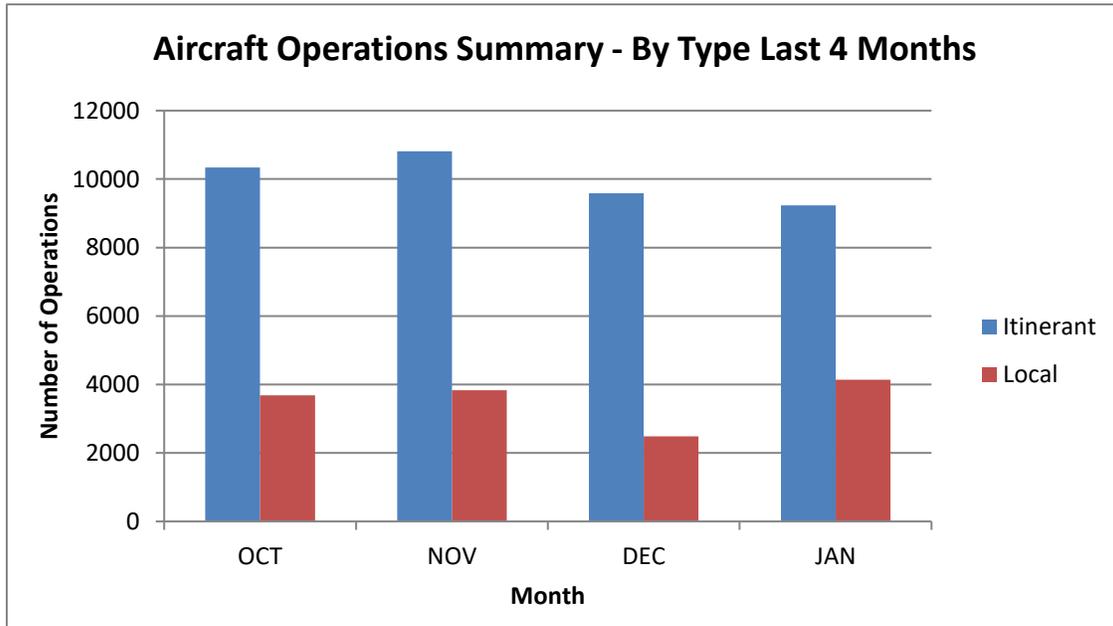
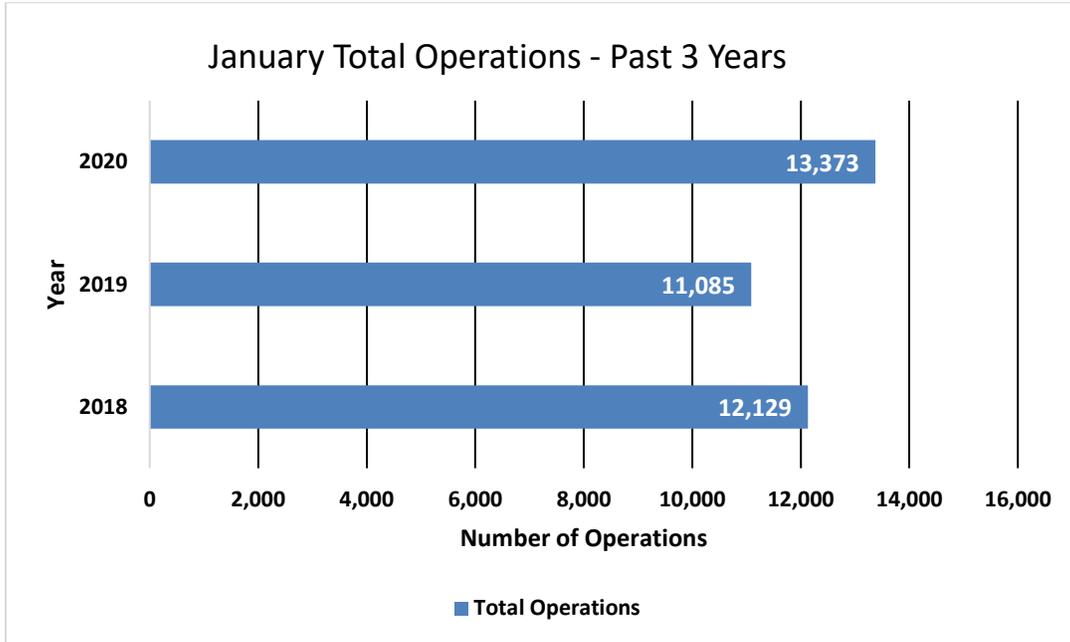
## January 2020 Aircraft Operations:

	<b>This Month</b>	This Month, Last Year (January 2019)	% Change from January 2019	5-Year Average for Month
Total Operations	<b>13,373</b>	<b>11,085</b>	<b>20.64%</b>	<b>11,812</b>
Itinerant	<b>9,231</b>	<b>8,151</b>	<b>13.25%</b>	<b>8,763</b>
Local	<b>4,142</b>	<b>2,934</b>	<b>41.17%</b>	<b>3,049</b>
Voluntary Curfew Ops	<b>311</b>	<b>301</b>	<b>3.32%</b>	<b>311</b>
Prior Authorization	<b>175</b>	<b>(19)</b> Noise disturbance calls associated with these flights. <b>(5)</b> Voluntary curfew ops were associated with these flights.		

**Prior Authorization**  
**(Section 6-93 Code)**  
**Operation**  
**Itinerant**  
**Local**  
**Voluntary Curfew Ops**

**Aircraft certified by the FAA with a max gross take-off weight greater than 75,000 pounds**  
**One take-off or landing. Touch-and-go counts as two operations**  
**Non-touch-and-go (regular operations)**  
**Operations within 20 miles of Airport**  
**Operations that occur between the hours of 11:00 p.m. and 6:00 a.m.**

# January 2020 Aircraft Operations Summary



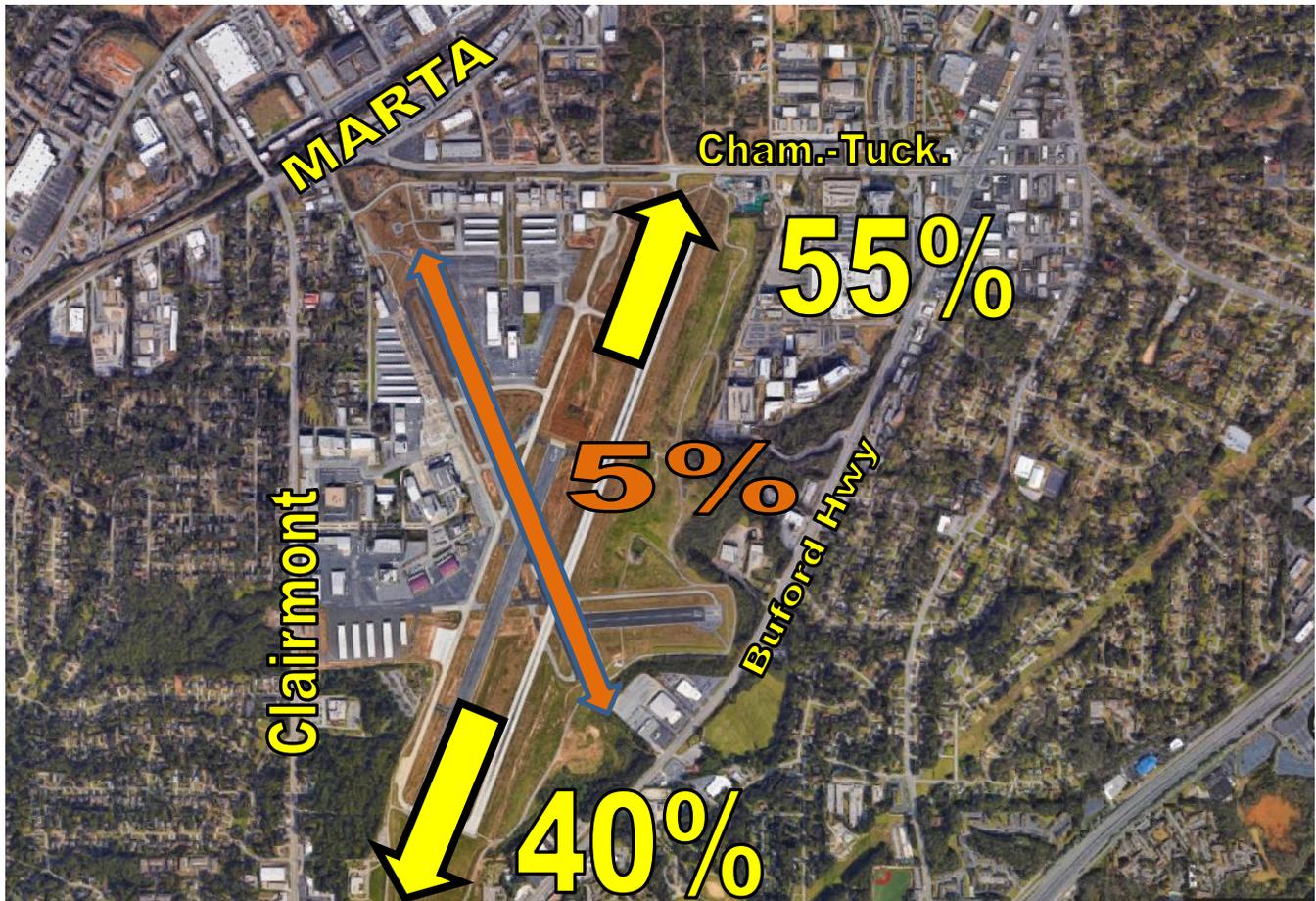
2019 Total Operations	2019 Total Operations as of Jan 2019	Total 2020 Ops as of Jan 2020
161,367	11,085	13,373 (20.64%)

## 2020 Operations by Month

	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
<b>JAN</b>	<b>9,231</b>	<b>4,142</b>	<b>13,373</b>	<b>311</b>
FEB				
MAR				
APR				
MAY				
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

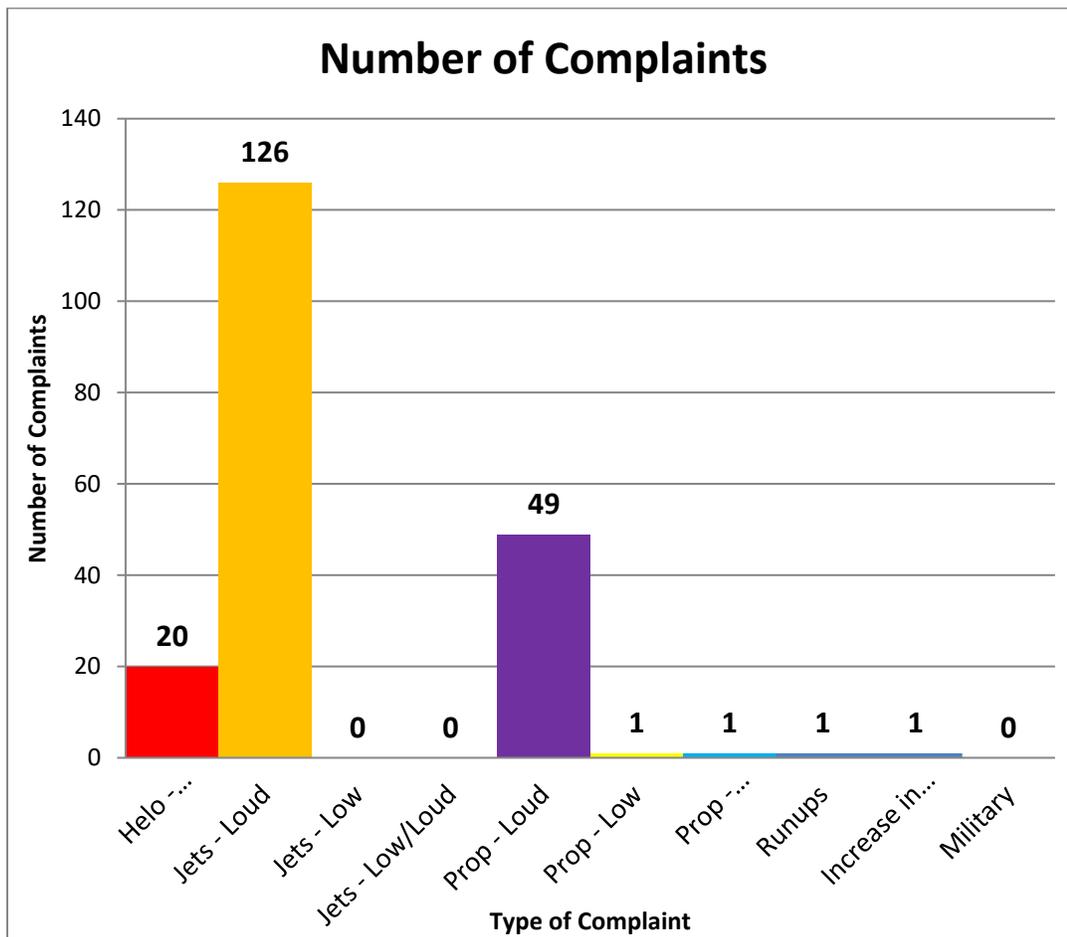
# Runway Mode of Operations – January 2020

Directional use of runways has a major effect on flight patterns and the areas affected by flight operations. Weather and wind direction generally determines runway selection. When the tower is open, the FAA Air Traffic Control Tower determines the directional use of the runways. When possible, the tower will try to keep operations on a northbound flow (takeoffs and landings to the north) for noise abatement.

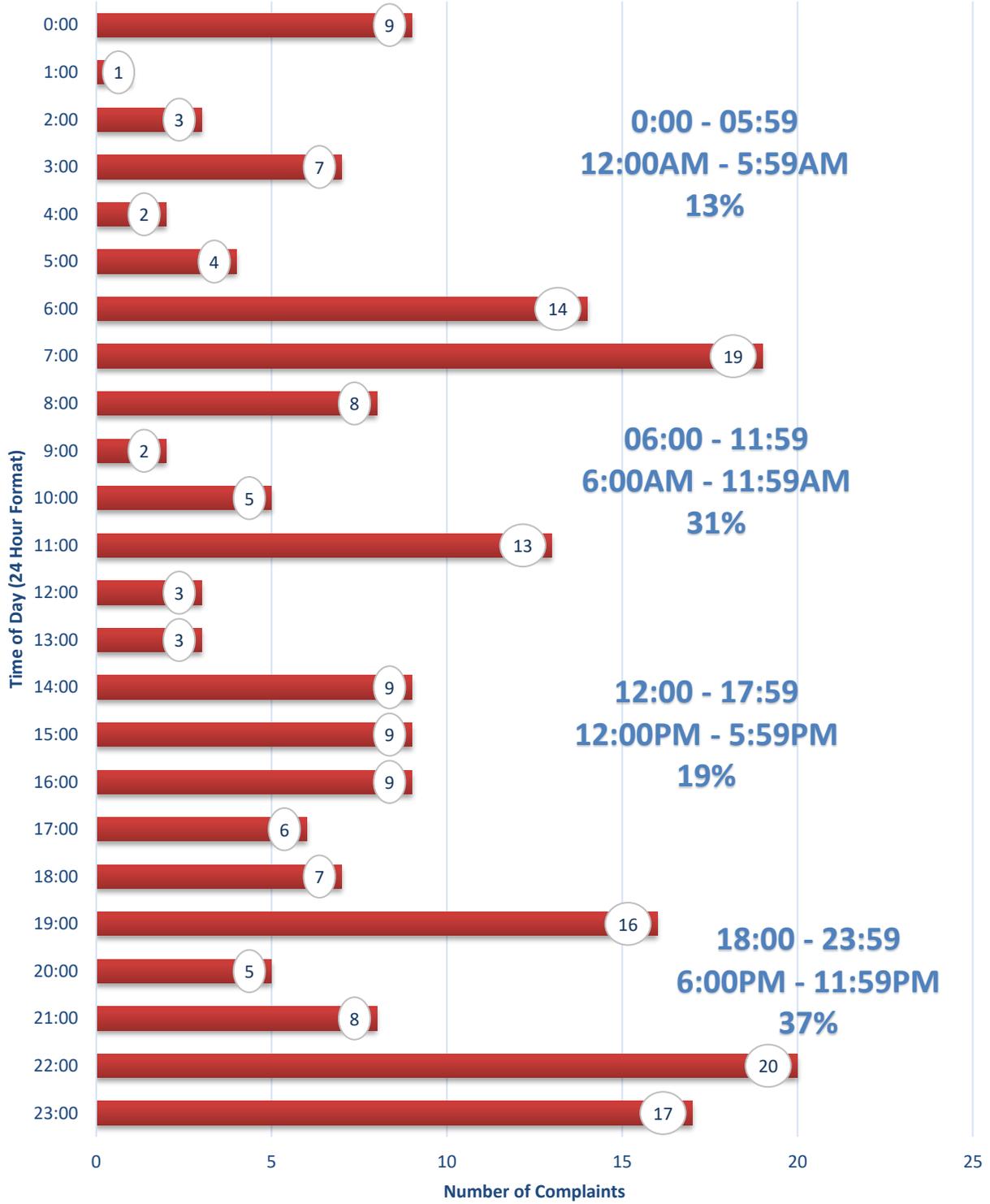


# Noise Disturbance Summary

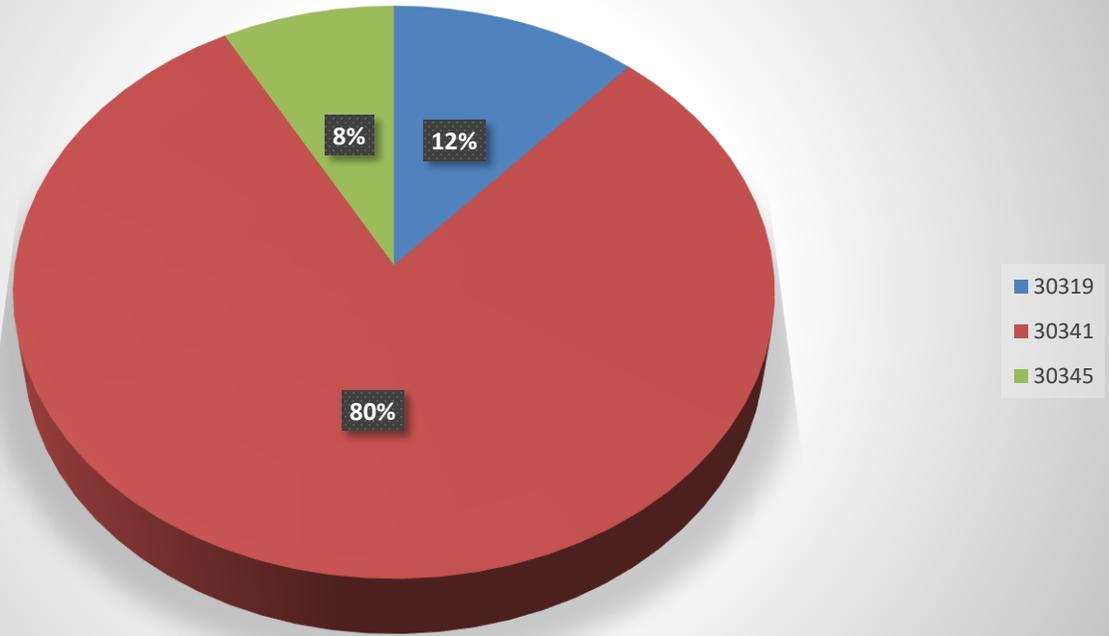
Total complaints for January 2020	Monthly Complaint Average 2020	January 2020 Complaints per Household <i>(minus top two/Households)</i>	January 2020 Complaints per Household <i>All Inclusive</i>
199	199	3.2	15.3



## Number of Complaints by Hour



## Complaints by Zip Code

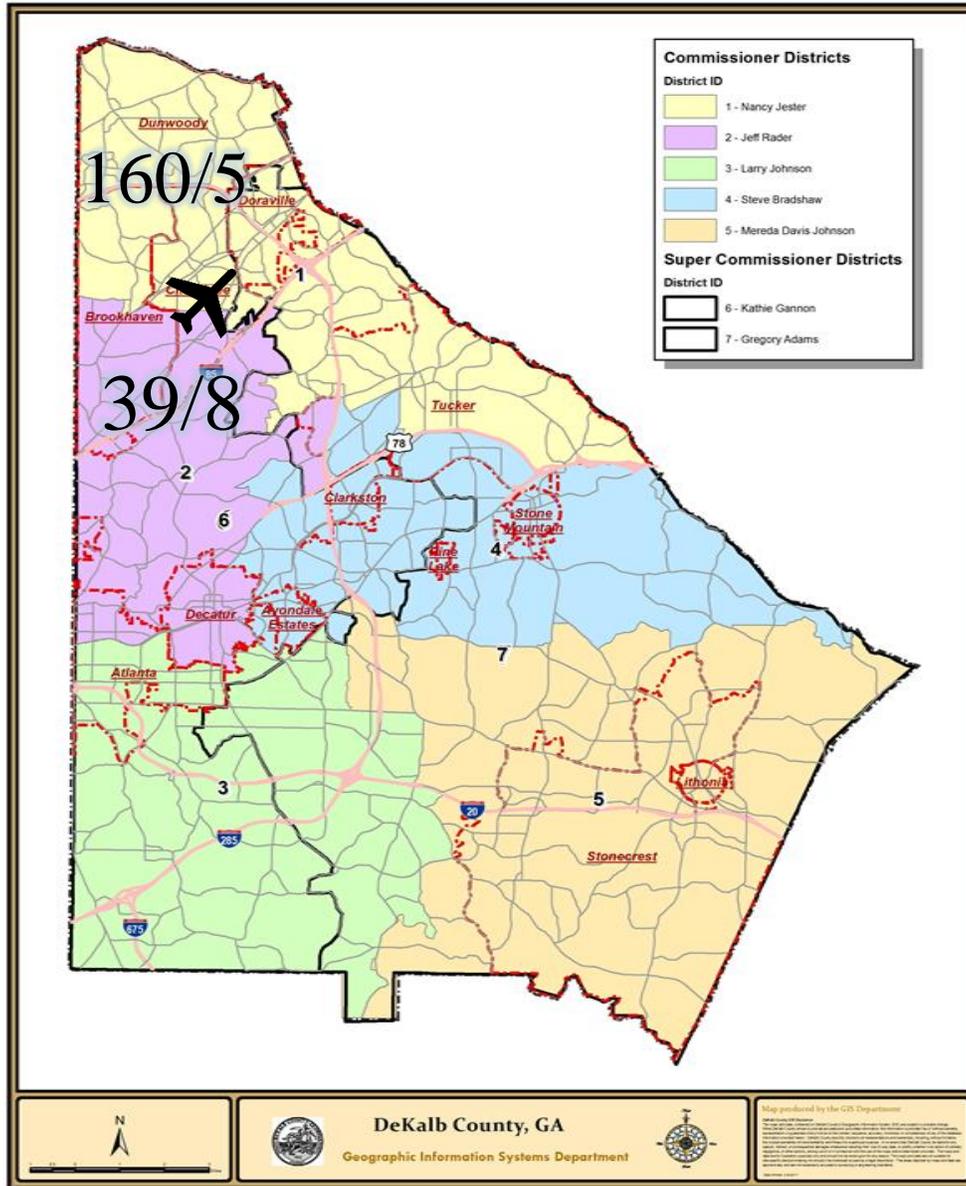


<b>Zip Code Guide</b>		
<b>Zip Code</b>	<b>Community</b>	<b>% of Complaints</b>
30319	Brookhaven	12%
30341	Chamblee - North	80%
30345	Chamblee - South	8%

## Complaints by Caller

Name	Address	City	Zip Code	Complaints
Schneeberg	2707 Ashford Rd, NE	Atlanta	30319	9
Graap	2221 Marann Dr NE	Chamblee	30345	1
Anon -1	Dresden Dr	Atlanta	30341	151
Yates	1889 9th Street	Chamblee	30341	5
Hunnicut	2132 Meadowcliff Dr NE	Atlanta	30345	1
Moss	2360 Drew Valley Rd NE	Atlanta	30319	7
Anon - 2	Hickory Rd	Chamblee	30341	1
Terry	2652 Cove Circle NE	Atlanta	30319	5
Lennon	1802 Tobey Road	Atlanta	30341	2
Penn	3039 Skyland Dr NE	Chamblee	30341	1
Anon - 2	Cotswold Drive NE	Brookhaven	30319	2
Evans	2536 Woodacres Rd NE	Atlanta	30345	1
Philips	2442 Wentworth Dr NE	Atlanta	30345	13

# Complaints per Commission District



160/5  
39/8

Total Number of Complaints

Total Number of Complainants

199/

13

There were 0 complainant(s) outside of DeKalb County with 0 complaint(s) total.

# Correlation Chart of Noise Complaints to Operations

## Chart Legend:

-  = Complaint + high noise event       = Complaint + PDK curfew operation  
 = Complaint + high noise + PDK curfew operation

The airport correlated **198 (99.5%)** out of **199** complaints:

- **193 or 96.9%** of the noise complaints were found to be **Direct** correlations
- **5 or 2.6 %** were **Indirect** correlations to operations
- **1 or 0.5%** were **Not Correlated**.
  
- **Direct** = *Linked to a specific flight operation to/from PDK over a house/monitor (NOMS or manual correlation).*
- **Indirect** = **Not linked to a specific flight operation** (take-off thrust, reverse thrust; maintenance run-ups) **OR** flight operation **not originating or terminating at PDK.**
- **Not correlated** = *There was no noise event and/or aircraft track based on either NOMS correlation or manual research.*

## Definitions:

**NOMS:** Noise and Operations Monitoring System

**Op Type:** Operation; Approach, Departure, or Overflight

**Name:** Name of Complainant

**Offense Start:** Date/Time of offense to complainant

**Flight ID:** Tail number of aircraft or military call sign

**Flight Time:** Actual Date/Time of correlated offense

**NMS:** Noise Monitoring Station

**Rwy:** Runway

**LMAX:** Maximum A-weighted sound level for a given event

Please contact: *Korey Barnes, Airport Noise and Environmental Analyst*, for more information regarding the PDK Good Neighbor Program at (770) 936-5440 or [kbarnes@dekalbcountyga.gov](mailto:kbarnes@dekalbcountyga.gov).

PDK maintains a **hotline** that permits residents to report noise concerns by dialing: **(770) 936-5442** or e-mailing: [pdknoise@dekalbcountyga.gov](mailto:pdknoise@dekalbcountyga.gov)

Name	Offense Time	Flight Time	RWY	Ops	Aircraft Type	Aircraft ID	NMS	Lmax
Anon - 1	1/1/2020 20:56	1/1/2020 21:00	21L	A	BE40	N848C	NMS01	87.2
Philips	1/2/2020 8:16	1/2/2020 8:11	21L	D	E55P	JTL161	NMS03	81
Anon - 1	1/2/2020 11:17	1/2/2020 11:22	21L	A	AEST	CSJ92	NMS01	89.1
Philips	1/2/2020 21:26	1/2/2020 21:22	21L	D	CL30	LXJ571	NMS03	77.8
Anon - 1	1/4/2020 7:21	1/4/2020 7:15	21L	D	E545	LXJ421		
Hunnicut	1/4/2020 7:21	1/4/2020 7:19	21L	D	F900	N116RW		
Anon - 1	1/4/2020 11:05	1/4/2020 11:01	21L	D	BE40	JTL73	NMS03	73.8
Philips	1/4/2020 12:51	1/4/2020 12:46	21L	D	GLF5	N933H	NMS03	79.9
Philips	1/4/2020 17:06	1/4/2020 17:06	UNK	D	C650	N541S		
Philips	1/4/2020 17:07	1/4/2020 17:04	21L	D	GLF5	N933H	NMS03	83.4
Anon - 1	1/4/2020 18:22	1/4/2020 18:22	34	A	P28A	N32355		
Anon - 1	1/4/2020 20:21	1/4/2020 20:24	34	A	C210	CGPLS		
Anon - 1	1/5/2020 19:09	1/5/2020 19:11	21L	T	GLF4	EJM444	NMS01	87.7
Anon - 1	1/5/2020 20:40	1/5/2020 20:45	21L	A	GLF4	JNY297		
Schneeberg	1/6/2020 13:05	1/6/2020 13:05	03L	A	UNKN	N418BC		
Schneeberg	1/6/2020 13:12	1/6/2020 13:13	03L	A	UNKN	N206TJ		
Philips	1/6/2020 16:00	1/6/2020 15:51	21L	D	J328	UJC851	NMS03	73.9
Yates	1/6/2020 16:09	1/6/2020 16:08	21L	D	CL30	FWK945	NMS03	79.1
Anon - 1	1/6/2020 21:41	1/6/2020 21:47	21L	A	GL5T	XOJ505	NMS01	83.8
Philips	1/7/2020 8:44	1/7/2020 8:44	21L	D	UNKN	UNKNOWN	NMS03	81
Anon - 1	1/7/2020 10:36	1/7/2020 10:27	21L	D	GL5T	XOJ505	NMS01	67.9
Anon - 1	1/7/2020 22:28	1/7/2020 22:23	UNK	O	SR22	N121BR		
Anon - 1	1/8/2020 7:15	1/8/2020 6:52	03R	D	G280	N280PC	NMS01	77.3
Anon - 1	1/8/2020 18:24	1/8/2020 18:34	21L	A	C68A	DCM6072	NMS01	81.7

Anon - 1	1/8/2020 19:07	1/8/2020 19:02	UNK	O	BE58	LBQ850		
Anon - 1	1/8/2020 19:10	1/8/2020 18:58	03R	D	UNKN	N407FC	NMS01	73.1
Anon - 1	1/8/2020 19:19	1/8/2020 18:53	03R	D	GLF4	DCM2467		
Anon - 1	1/8/2020 21:54	1/8/2020 21:48	03R	D	AC50	CTL66	NMS01	74.3
Anon - 1	1/8/2020 22:04	1/8/2020 22:02	03R	D	BE40	JTL215	NMS01	92.5
Anon - 1	1/8/2020 22:10	1/8/2020 22:08	03R	D	GLEK	N683GA	NMS01	91.6
Anon - 1	1/8/2020 22:45	1/8/2020 22:37	03R	D	UNKN	N13RK		
Lennon	1/8/2020 22:53	1/8/2020 22:39	03L	D	PA32	N43796		
Anon - 1	1/8/2020 22:57	1/8/2020 22:39	03L	D	PA32	N43796	NMS01	73
Lennon	1/8/2020 22:57	1/8/2020 22:39	03L	D	PA32	N43796		
Anon - 1	1/8/2020 23:01	1/8/2020 22:54	03L	D	C172	N310FS		
Anon - 1	1/8/2020 23:08	1/8/2020 22:54	03L	D	C172	N310FS		
Anon - 1	1/8/2020 23:13	1/8/2020 23:07	03R	D	BE9L	N377P	NMS01	79
Terry	1/9/2020 2:04	1/9/2020 2:11	03R	A	C208	N208LS	NMS03	74.5
Anon - 1	1/9/2020 2:27	1/9/2020 2:13	21L	D	C208	N208LS		
Anon - 1	1/9/2020 3:20	1/9/2020 3:24	03R	A	PC12	SKQ43		
Anon - 1	1/9/2020 3:58	1/9/2020 3:52	21L	D	PC12	SKQ43		
Anon - 1	1/9/2020 4:06	1/9/2020 4:03	21L	D	BE9L	N377P		
Yates	1/9/2020 5:22	1/9/2020 5:21	03R	D	BE20	N503GF		
Anon - 1	1/9/2020 14:27	1/9/2020 14:18	21L	D	C56X	N600BS		
Evans	1/9/2020 16:27	1/9/2020 16:22	21L	D	C414	N500AA	NMS03	78.6
Schneeberg	1/10/2020 16:14	1/10/2020 16:30	03L	A	UNKN	N229DA		
Yates	1/10/2020 23:17	1/10/2020 22:53	16	A	HELO	N102SW		
Terry	1/12/2020 11:08	1/12/2020 11:06	21R	T	UNKN	N9298S	NMS03	69.3
Terry	1/12/2020 11:11	1/12/2020 11:06	21R	T	UNKN	N9298S	NMS03	69.3
Terry	1/12/2020 11:13	1/12/2020 11:12	21R	T	UNKN	N57FM		

Terry	1/12/2020 14:16	1/12/2020 14:10	UNK	A	FA50	N5322		
Philips	1/12/2020 14:49	1/12/2020 14:48	21L	D	FA50	N5322	NMS03	82.9
Yates	1/12/2020 19:38	1/12/2020 19:37	21L	D	BE20	CTE491	NMS03	75.1
Anon - 1	1/14/2020 13:54	1/14/2020 13:54	21L	D	CL30	LXJ586		
Anon - 1	1/14/2020 19:08	1/14/2020 19:07	21L	A	GLF5	EJM80	NMS01	84.5
Anon - 1	1/14/2020 19:56	1/14/2020 19:55	21L	A	GLF4	N2129	NMS01	88.2
Anon - 1	1/14/2020 23:14	1/14/2020 23:13	21L	A	GLF5	N132SD	NMS01	84.8
Anon - 1	1/15/2020 0:13	1/15/2020 0:07	21L	A	AC50	CTL67		
Anon - 1	1/15/2020 5:55	1/15/2020 5:54	03R	D	ASTR	N327GA	NMS01	93.6
Anon - 1	1/15/2020 6:56	1/15/2020 6:56	21L	D	CL35	EJA782		
Anon - 1	1/15/2020 6:56	1/15/2020 6:56	21L	D	CL35	EJA782		
Anon - 1	1/15/2020 7:21	1/15/2020 7:22	UNK	D	HELO	N2AQ		
Anon - 1	1/15/2020 7:40	1/15/2020 7:40	21L	D	FA50	N791CP	NMS01	79.9
Anon - 1	1/15/2020 8:15	1/15/2020 8:08	21L	A	J328	UJC850	NMS01	87
Anon - 1	1/15/2020 10:50	1/15/2020 10:42	UNK	O	UNKN	UNKNOWN	NMS03	76
Philips	1/15/2020 19:46	1/15/2020 19:45	21L	D	GLF4	DCM2467	NMS03	73.2
Philips	1/16/2020 0:03	1/16/2020 0:03	21L	D	FA8X	N60SN	NMS03	86.9
Graap	1/16/2020 0:04	1/16/2020 0:03	21L	D	FA8X	N60SN	NMS04	75.8
Anon - 1	1/16/2020 0:25	1/16/2020 0:25	21L	D	LJ60	FTD508	NMS03	74.6
Anon - 1	1/16/2020 7:55	1/16/2020 7:55	21L	D	E550	N183TS	NMS03	76.5
Anon - 1	1/16/2020 11:02	1/16/2020 11:05	03R	D	C56X	JTL560		
Anon - 1	1/16/2020 11:18	1/16/2020 11:16	03R	T	UNKN	N43HX		
Anon - 1	1/16/2020 12:09	1/16/2020 12:14	34	A	UNKN	N94EM		

Anon - 1	1/16/2020 19:16	1/16/2020 19:16	03R	D	E55P	EJA406		
Anon - 1	1/16/2020 23:21	1/16/2020 23:22	UNK	A	HELO	N332AM		
Anon - 1	1/16/2020 23:21	1/16/2020 23:22	UNK	A	HELO	N332AM		
Anon - 1	1/17/2020 7:13	1/17/2020 7:13	03R	D	GLF5	N599H		
Anon - 1	1/17/2020 18:26	1/17/2020 18:27	03R	A	C56X	DPJ536		
Schneeberg	1/17/2020 21:30	1/17/2020 21:31	UNK	A	AC50	CTL66		
Anon - 1	1/17/2020 23:03	1/17/2020 23:03	03R	D	UNKN	N805LC		
Anon - 3	1/18/2020 7:29	1/18/2020 7:29	UNK	D	BE36	N435JM	NMS02	71.4
Moss	1/18/2020 7:30	1/18/2020 7:29	UNK	D	BE36	N435JM	NMS02	71.4
Anon - 1	1/18/2020 11:50	1/18/2020 11:49	21L	D	C560	N777WY	NMS03	76.7
Anon - 1	1/18/2020 23:28	1/18/2020 23:28	21L	D	C525	OLV252	NMS03	76.7
Anon - 1	1/19/2020 1:47	1/19/2020 1:47	21L	A	CL60	N70X		
Anon - 1	1/19/2020 5:47	1/19/2020 5:47	03R	D	C25B	N95TX		
Anon - 1	1/19/2020 6:40	1/19/2020 6:40	03R	D	GLF5	N102DZ		
Anon - 1	1/19/2020 22:21	1/19/2020 22:21	03R	A	BE40	N362EA		
Philips	1/20/2020 11:26	1/20/2020 11:29	03R	A	PC12	N125LE	NMS03	76.9
Anon - 1	1/20/2020 11:47	1/20/2020 11:42	03R	D	BE40	JTL73		
Anon - 1	1/20/2020 14:29	1/20/2020 14:32	34	A	PC12	N401SM		
Anon - 1	1/20/2020 14:36	1/20/2020 14:39	03R	A	GL5T	CGBRK	NMS03	67.8
Anon - 1	1/20/2020 15:50	1/20/2020 15:43	03R	D	GLF4	DCM4212		
Anon - 1	1/20/2020 16:26	1/20/2020 16:29	03R	A	M20T	N872M		
Anon - 1	1/20/2020 17:14	1/20/2020 17:20	03L	A	UNKN	N161GT		
Anon - 1	1/21/2020 10:08	1/21/2020 9:46	03R	D	GL5T	XOJ505		

Anon - 1	1/21/2020 10:17	1/21/2020 10:17	UNK	O	BE30	FLC66		
Schneeberg	1/21/2020 11:44	1/21/2020 11:30	03L	D	UNKN	N109TJ		
Anon - 1	1/21/2020 15:17	1/21/2020 15:10	03R	D	GLF3	N500GF	NMS03	73.7
Anon - 1	1/21/2020 17:17	1/21/2020 17:07	03R	D	E55P	LXJ381		
Anon - 1	1/21/2020 19:09	1/21/2020 19:09	34	A	PA28	N7664F		
Anon - 1	1/21/2020 21:03	1/21/2020 21:01	03R	D	UNKN	N428JD		
Anon - 1	1/22/2020 7:04	1/22/2020 7:01	21L	D	LJ31	BKA771	NMS03	69.4
Anon - 3	1/22/2020 20:30	1/22/2020 20:16	UNK	O	P28A	N43700		
Moss	1/22/2020 22:55	1/22/2020 22:51	21L	D	PA31	N578TC		
Anon - 1	1/22/2020 23:00	1/22/2020 22:51	21L	D	PA31	N578TC	NMS03	75.6
Anon - 1	1/24/2020 8:02	1/24/2020 8:02	21L	D	GLF5	N505GF	NMS03	71.9
Anon - 1	1/24/2020 19:00	1/24/2020 18:53	21L	D	UNKN	UNKNOWN		
Anon - 1	1/25/2020 7:14	1/25/2020 7:08	21R	D	BE33	N1506Z	NMS03	81.7
Anon - 1	1/25/2020 7:48	1/25/2020 7:44	21L	D	C25B	N162EC		
Anon - 1	1/25/2020 7:48	1/25/2020 7:44	21L	D	C25B	N162EC		
Anon - 1	1/25/2020 7:53	1/25/2020 7:45	21L	D	C25B	DJR213	NMS03	76.8
Anon - 1	1/25/2020 8:09	1/25/2020 8:06	21L	D	ASTR	N928JA	NMS03	82
Anon - 1	1/25/2020 8:09	1/25/2020 8:06	21L	D	ASTR	N928JA	NMS03	82
Anon - 2	1/25/2020 19:18	1/25/2020 19:07	UNK	D	HELO	N122AA	NMS01	68.6
Anon - 1	1/25/2020 21:42	1/25/2020 21:41	03R	D	BE40	JCM44		
Anon - 1	1/25/2020 22:58	1/25/2020 23:02	03R	A	H25B	N488AM		
Anon - 1	1/26/2020 6:13	1/26/2020 6:10	03R	D	G150	N428JD	NMS03	67.1
Anon - 1	1/26/2020 6:27	1/26/2020 6:32	21L	A	B350	N327R	NMS03	69

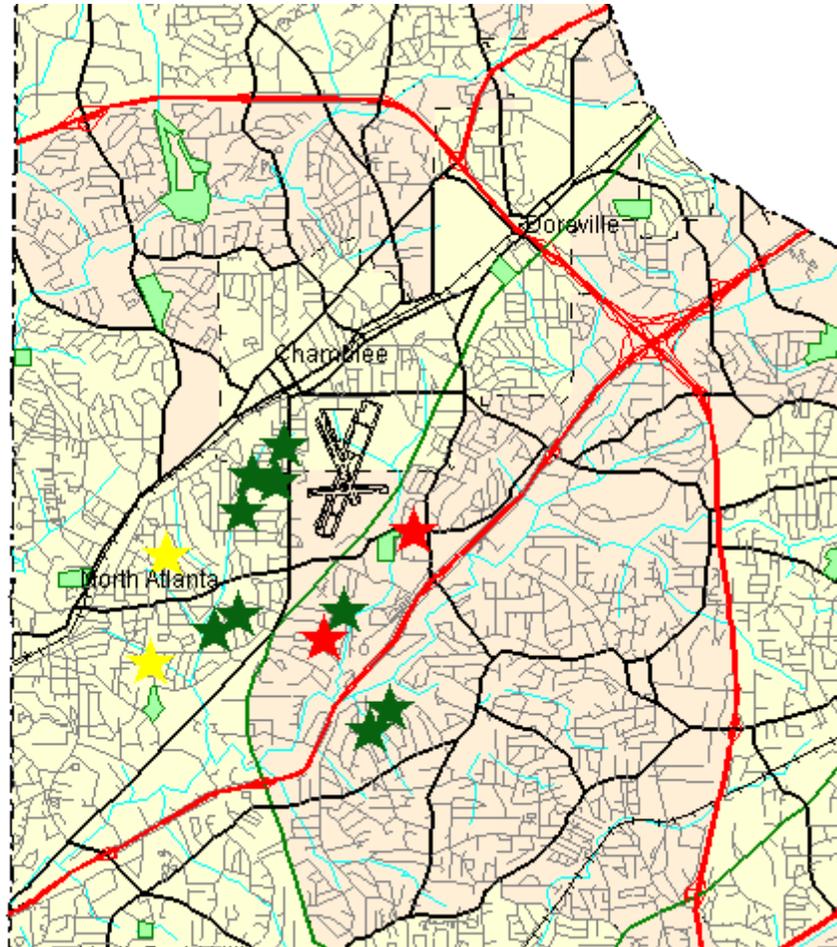
Anon - 1	1/26/2020 6:31	1/26/2020 6:32	21L	A	B350	N327R	NMS03	69
Anon - 1	1/26/2020 6:49	1/26/2020 6:25	03R	D	PA28	N103AV		
Anon - 1	1/26/2020 6:57	1/26/2020 7:06	21L	D	B350	N327R	NMS03	72
Anon - 1	1/26/2020 9:52	1/26/2020 9:52	21L	A	C25B	N757PC		
Anon - 1	1/26/2020 14:12	1/26/2020 14:22	21R	A	PA32	N15494		
Anon - 1	1/26/2020 14:38	1/26/2020 14:40	21R	A	SR20	N39MB		
Schneeberg	1/26/2020 14:58	1/26/2020 14:56	UNK	T	UNKN	N608HR		
Schneeberg	1/26/2020 15:03	1/26/2020 14:56	UNK	T	UNKN	N608HR		
Schneeberg	1/26/2020 15:40	1/26/2020 15:45	UNK	A	BE36	N1072F		
Schneeberg	1/26/2020 16:59	1/26/2020 17:02	21R	D	UNKN	N4106S		
Anon - 1	1/26/2020 18:11	1/26/2020 18:05	21L	D	GLF3	N330WR	NMS03	70.3
Anon - 1	1/26/2020 19:04	1/26/2020 18:59	21L	D	UNKN	N300BD	NMS03	71.4
Anon - 1	1/26/2020 22:15	1/26/2020 22:28	21L	A	E55P	LXJ349		
Anon - 1	1/26/2020 22:55	1/26/2020 22:57	21L	A	GLF5	N11GW		
Penn	1/27/2020 0:47	1/27/2020 0:34	26L	D	LJ31	UNKNOWN		
Anon - 1	1/27/2020 6:20	1/27/2020 6:15	03R	D	C56X	N735XL		
Anon - 1	1/27/2020 6:58	1/27/2020 6:50	21L	D	C56X	N343CC	NMS03	72.7
Anon - 1	1/27/2020 7:21	1/27/2020 7:09	21L	D	G280	N270PC	NMS03	79.8
Anon - 1	1/27/2020 9:33	1/27/2020 9:27	21L	D	C56X	EJA617		
Anon - 1	1/27/2020 10:14	1/27/2020 9:46	21L	D	ASTR	N327GA	NMS03	72.9
Anon - 1	1/27/2020 11:46	1/27/2020 11:49	21L	A	FA50	N291FJ	NMS03	71.1
Anon - 1	1/27/2020 12:00	1/27/2020 11:55	21L	D	FA50	N291FJ	NMS03	80.1
Anon - 1	1/27/2020 15:00	1/27/2020 14:59	21L	D	C25C	N74TB	NMS03	74.2

Anon - 1	1/27/2020 15:22	1/27/2020 15:12	21L	D	BE20	N196SC		
Anon - 1	1/27/2020 15:50	1/27/2020 15:57	21L	A	CL30	N773RC		
Anon - 1	1/27/2020 16:23	1/27/2020 16:16	21L	D	BE40	TMC489	NMS03	70.3
Anon - 1	1/27/2020 17:11	1/27/2020 17:05	21L	D	GLF4	N371FP		
Anon - 1	1/27/2020 17:19	1/27/2020 17:08	21L	D	E55P	EJA409	NMS03	76.2
Philips	1/27/2020 18:41	1/27/2020 18:39	21L	D	H25B	N488AM	NMS03	83.5
Anon - 1	1/27/2020 19:03	1/27/2020 18:59	21L	D	FA50	N291FJ	NMS03	77.4
Anon - 1	1/27/2020 19:46	1/27/2020 19:43	21L	D	GLF4	TWY4	NMS03	85.6
Anon - 1	1/27/2020 21:26	1/27/2020 21:20	21L	D	C525	OLV252	NMS03	78.1
Anon - 1	1/27/2020 22:12	1/27/2020 22:16	21L	A	C750	XOJ789		
Anon - 1	1/27/2020 22:43	1/27/2020 22:48	03L	A	UNKN	N649AE	NMS03	72.8
Anon - 1	1/27/2020 22:53	1/27/2020 22:54	21L	A	GL5T	N723AB	NMS03	71.3
Anon - 1	1/27/2020 23:18	1/27/2020 23:16	16	D	UNKN	N649AE		
Anon - 1	1/27/2020 23:19	1/27/2020 23:16	16	D	UNKN	N649AE		
Anon - 1	1/27/2020 23:21	1/27/2020 23:16	16	D	UNKN	N649AE		
Anon - 1	1/27/2020 23:32	1/27/2020 23:28	03R	D	GL5T	N723AB	NMS03	69.5
Anon - 1	1/28/2020 6:45	1/28/2020 6:41	03R	D	GLF4	DCM4212	NMS03	72.7
Anon - 1	1/28/2020 8:01	1/28/2020 8:04	03R	A	E135	UJC850	NMS03	80.3
Anon - 1	1/28/2020 15:25	1/28/2020 15:25	UNK	A	LJ75	N40PC	NMS03	66.7
Anon - 1	1/28/2020 15:34	1/28/2020 15:40	03R	A	MN2	N361MA		
Anon - 1	1/28/2020 16:09	1/28/2020 16:10	03R	D	BE36	N7102R		
Anon - 1	1/28/2020 16:20	1/28/2020 16:22	03R	A	SR22	N553LB		
Anon - 1	1/28/2020 22:51	1/28/2020 22:47	03R	D	CL35	EJA769	NMS03	77.1

Anon - 1	1/28/2020 22:59	1/28/2020 22:53	03R	D	GLF6	N200ES		
Anon - 1	1/28/2020 23:00	1/28/2020 22:53	03R	D	GLF6	N200ES		
Anon - 1	1/29/2020 0:07	1/29/2020 0:06	03R	A	AC50	CTL67		
Anon - 1	1/29/2020 0:09	1/29/2020 0:06	03R	A	AC50	CTL67		
Anon - 1	1/29/2020 0:43	1/29/2020 0:41	03R	D	AC50	CTL67		
Anon - 1	1/29/2020 5:44	1/29/2020 5:41	21L	D	SR22	N107TQ	NMS03	77.7
Anon - 1	1/29/2020 6:37	1/29/2020 6:12	03R	D	E55P	EJA325	NMS03	77.2
Anon - 1	1/29/2020 14:12	1/29/2020 14:14	UNK	A	UNKN	N76PC		
Anon - 1	1/29/2020 20:04	1/29/2020 20:12	03R	A	PC12	CNS2	NMS03	69.8
Anon - 1	1/29/2020 21:08	1/29/2020 21:04	03R	D	C560	N939TW	NMS03	76.9
Anon - 1	1/29/2020 22:06	1/29/2020 22:22	21L	A	UNKN	N717NC		
Anon - 1	1/29/2020 22:18	1/29/2020 22:22	21L	A	UNKN	N717NC		
Anon - 1	1/29/2020 23:50							
Anon - 1	1/30/2020 0:45	1/30/2020 0:43	03R	D	AC50	CTL67		
Anon - 1	1/30/2020 3:11	1/30/2020 3:11	21L	A	C208	N208LS		
Anon - 1	1/30/2020 6:21	1/30/2020 6:12	03R	D	SR22	N107TQ		
Anon - 1	1/30/2020 7:01	1/30/2020 6:57	03R	D	C25B	N386SF	NMS03	74.3
Anon - 1	1/30/2020 7:44	1/30/2020 7:38	16	D	UNKN	N41HX		
Anon - 1	1/30/2020 8:25	1/30/2020 8:12	03L	D	UNKN	N81771		
Anon - 1	1/30/2020 11:40	1/30/2020 11:41	03L	T	UNKN	N9298S		
Anon - 1	1/30/2020 22:28	1/30/2020 22:21	03R	D	GLF5	N79MA		
Anon - 1	1/30/2020 23:00	1/30/2020 23:11	03L	A	UNKN	N103AV		
Moss	1/31/2020 2:50	1/31/2020 2:42	21L	D	C208	N208LS		

Moss	1/31/2020 3:07	1/31/2020 3:11	03R	A	PC12	SKQ43		
Moss	1/31/2020 3:09	1/31/2020 3:11	03R	A	PC12	SKQ43		
Yates	1/31/2020 3:37	1/31/2020 3:35	21L	D	PC12	SKQ43		
Moss	1/31/2020 3:43	1/31/2020 3:35	21L	D	PC12	SKQ43		
Moss	1/31/2020 4:05	1/31/2020 4:05	UNK	D	C560	N826AC		
Anon - 1	1/31/2020 6:11	1/31/2020 6:00	16	D	UNKN	N6QP		
Anon - 1	1/31/2020 7:42	1/31/2020 7:36	16	D	P32R	N834CC		
Anon - 1	1/31/2020 7:58	1/31/2020 7:56	21L	D	C56X	DPJ70		
Anon - 1	1/31/2020 18:22	1/31/2020 18:21	21L	A	C525	DCM5874		
Philips	1/31/2020 18:22	1/31/2020 18:22	21L	D	G150	N428JD	NMS03	87.5
Anon - 1	1/31/2020 19:19	1/31/2020 19:15	21L	D	GLF5	N933H	NMS03	69.9

# Disturbance Location Pin Map – January 2020



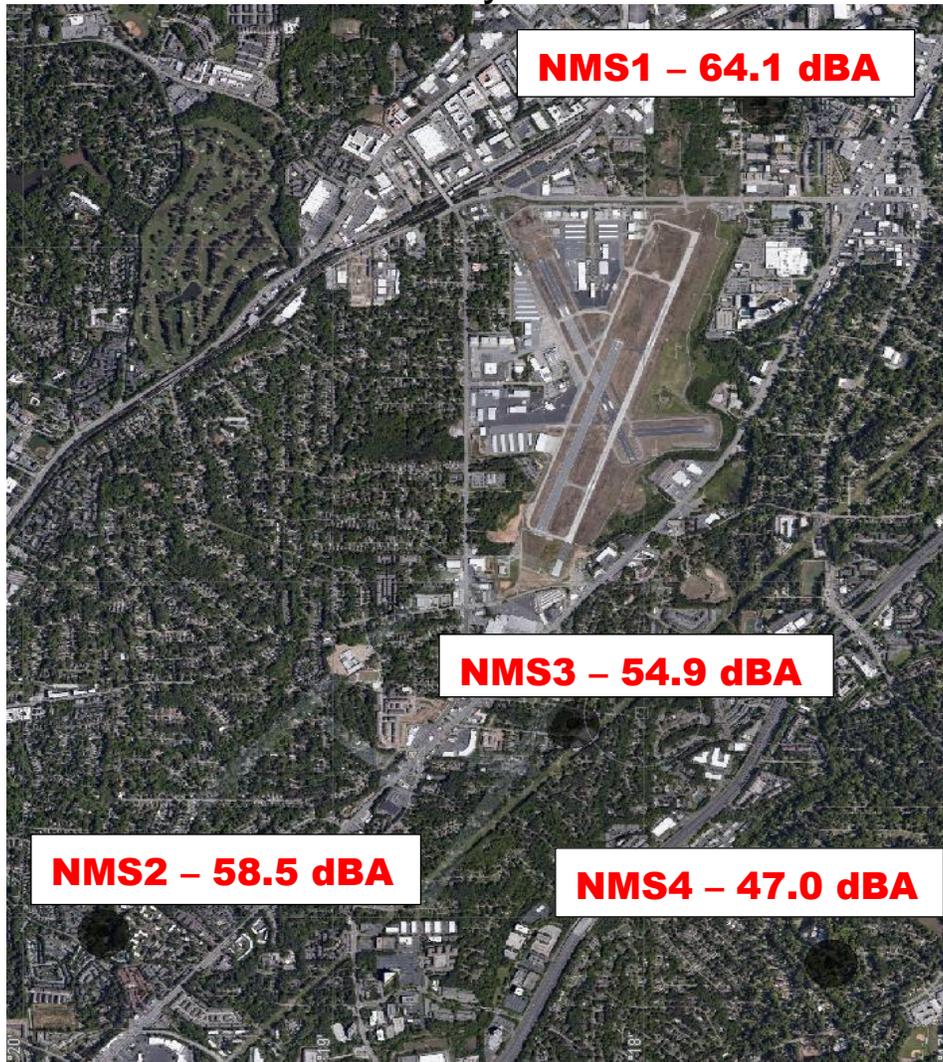
-  1-5 Complaints
-  6-10 Complaints
-  11+ Complaints

## Complainants with Complaints Total

(0 Complainant(s) outside of DeKalb County)

# Monthly Noise Levels at Monitors

January 2020



## Noise Terminology

- *Decibels (dB) are the unit of measurement on the loudness scale. Decibels that a human can hear are called “A-weighted” or “dBA” on the sound frequency scale.*
- *The decibel scale is logarithmic, not linear. The smallest detectable change 1 dB; 3 dB for a human is readily detectable; 10 dB seems twice as loud.*
- *Lmax – The maximum A-weighted sound level for a given event – the highest level registered on the scale or meter; is not related to the duration for the event.*
- *DNL – A 24-hour time-averaged sound exposure level. It is the noise metric of choice in aircraft sound level measurement. It is also used to define noise contours of equal exposure. All Federal agencies have adopted DNL (LDNA) as the metric for airport noise analysis. (Day Night Level) (Day Night Level A-weighted)*

- *Leq* – The steady A-weighted sound level over any specified period. It is used to identify the average sound level over a given period of time.

# Voluntary Curfew Operations & Operators Summary/Letter Status

## Operations Summary:

The airport identified a total of **308 (99.03%)** of the **311** operations during the voluntary curfew period (11PM-6AM) during the month of **January 2020**. Of the **308** identified operations, **176 (57.14%)** were classified as **medical transport (e.g., Med-Evac) or other critical flights**. These aircraft are identified in **red bold font** below.

- Out of the *identified* operations, **80 one-time** operations were conducted during this period.
- Out of the *identified* operations, **231 multi-time** operations were conducted during this period, (i.e., sum of all aircraft operations in which an aircraft flew more than once during the voluntary curfew).

## Operators Identified / Multi-Use:

**115** operators were identified using the airport during the voluntary curfew period (does not include unknown aircraft).

**36** operators were identified using the airport during the voluntary curfew period for 2 or more times during the month.

**13** multi-use operators were identified as Med-Evac and/or emergency flights.

## Complaints received from operations conducted during the voluntary curfew period:

**199** complaints were received during **January 2020**.

**43** complaints were received for operations conducted during the voluntary curfew period (**including** those complaints that were found to be non-correlated or indirect).

## This Month – January 2020 N#'s (Multi-Use):

**20 Aircraft with 2 Operations** (N716LT, N553LB, **N895CR**, LXJ419, N690BB, **CTE615**, N805LC, N131EA, NEJA776, N244AT, **N56LW**, N32PA, N69PC, N355AE, N780GS, N385RM, N826AC, BKA771, N416AT, **EMD28**)

**7 Aircraft with 3 Operations** (N8HP, N16PC, **CTE491**, **N445CH**, N642WW, **N400WK**)

**2 Aircraft with 4 Operations** (**N377P**, N2AQ)

**1 Aircraft with 6 Operations** (N154JK)

**2 Aircraft with 7 Operations** (N103AV, **N525LX**)

**1 Aircraft with 14 Operations** (**SKQ44**)

**1 Aircraft with 27 Operations** (**SKQ43**)

**1 Aircraft with 42 Operations** (**CTL67**)

**1 Aircraft with 59 Operations** (**N208L**)

**Last Month – December 2019 N#'s (Multi-Use):**

**28 Aircraft with 2 Operations** (EJA557, JCM718, FTD508, N187MR, MDKT278, N533GT, N222NB, N777ZL, N270LE, SCM77, N2SW, **N525LX**, N302GV, N54J, **N329GS**, N6919J, **N395AE**, **N777WY**, **N407LS**, N77WW, **N423AE**, N918AM, **SKQ66**, **CTE66**, N454GC, JTL560, N49KW, N401SM)

**1 Aircraft with 3 Operations** (N62MV)

**1 Aircraft with 9 Operations** (N2AQ)

**3 Aircraft with 4 Operations** (**N900PS**, **N726SF**, **CTE491**)

**1 Aircraft with 10 Operations** (**N445CH**)

**2 Aircraft with 5 Operations** (**CTE615**, **EMD28**)

**1 Aircraft with 24 Operations** (**SKQ44**)

**3 Aircraft with 6 Operations** (N355AE, **SKQ43**, **CTE816**)

**1 Aircraft with 39 Operations** (**CTL67**)

**1 Aircraft with 7 Operations** (N154JK)

**1 Aircraft with 45 Operations** (**N208LS**)

**1 Aircraft with 7 Operations** (N154JK)

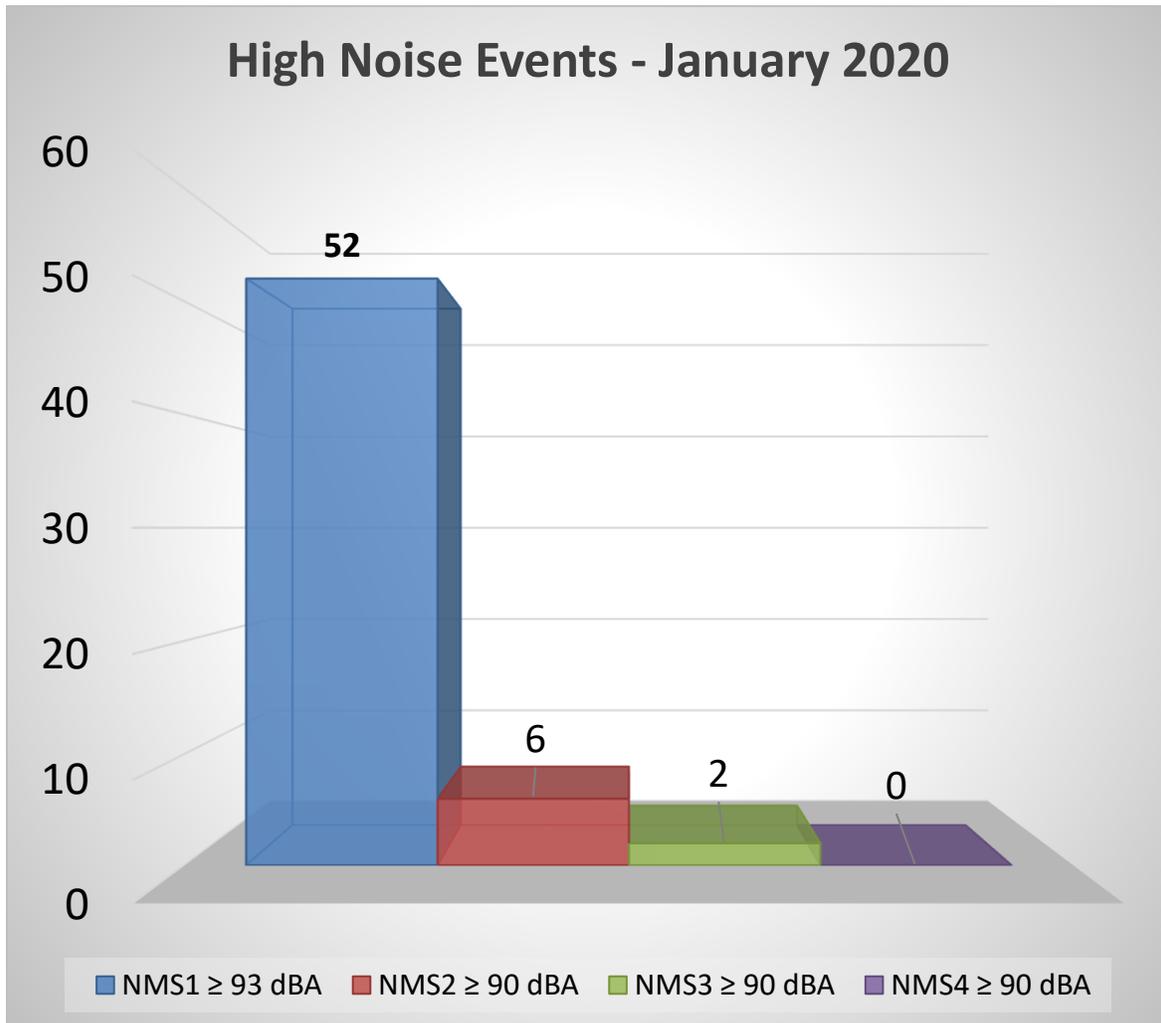
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A total of **125** advisory letters were sent to aircraft operators flying during the voluntary curfew period in the month of **January** who were not identified as Med-Evac and/or other emergency flights.

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# High Noise Event Threshold

The high noise event threshold was developed to work with pilots in methods and techniques that could reduce aircraft noise levels in and around PDK and its residential areas. Noise Monitoring Station (NMS) 1 is located in a commercial district and is set at **93 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **90 dBA Lmax** or greater. A Total of **94** advisory letters were sent out this month for aircraft identified as Exceeding PDK's high noise event threshold.



## January 2020

**38 Aircraft with 1 High Noise Event** (N92ME, N621SB, N5GF, LXJ414, N762NB, N118MM, SIY415, N125TN, N609MH, N210LA, N732AM, N215BB, N8250D, N239AX, N987CE, EJM904, N598DR, N304PC, N5HQ, JET2, N610DP, N327GA, N622PM, N32MJ, N735XL, JTL5150, N77WL, TKM66, N92AJ, JTL58, N963JB, DCM4212, NWF83, N500GF, LAK502, N507WM, N499PA, N500FZ)

**4 Aircraft with 2 High Noise Events** (NJTL73, UJC851, DCM5874, N335PR)

**3 Aircraft with 3 High Noise Events** (N30WR, N330WR, N27GA)

1 Aircraft with 4 High Noise Events (CTL67)

1 Aircraft unknown

**December 2019**

**63 Aircraft with 1 High Noise Event** (N531MB, N791CP, N681GH, N220LE, N917MS, EDG84, N603A, N241DE, N740PC, DCM4068, N8343Y, HRC395, PVO752, N309CJ, N560TP, N31ST, N1360C, N327R, N6KE, CGPOP, N74TB, 32MJ, N80XX, JTL, 58, N880Z, N349SB, N964C, N375GK, N210CM, N3VF, N550DX, N405HR, N600LY, N40PC, N604XT, N414K, N64892, N426JN, N685BC, LXJ550, N173PA, N442GJ, N74825, TMC460, N7664F, BKA771, N79SE, N103AV, N826LJ, N490JC, N860CR, N10RU, N900QC, DPJ753, N958HC, N4QN, N200WL, N122AA, TMC450, N500GF, N502TN, N444QC, N445QS)

**13 Aircraft with 2 High Noise Events** (N469ES, JTL480, N49KW, N224FD, N428JD, N500FZ, N499PA, EJA599, DCM4212, N979CM, N73924, N304PC, N329GS)

**4 Aircraft with 3 High Noise Events** (N330WR, N62MV, N116RW, N27GA)

**2 Aircraft Unknown**

## **Comments/Concerns?**

Please visit [www.pdkairport.org](http://www.pdkairport.org) for airport information. You may also contact the airport about noise concerns at [pdknoise@dekalbcountyga.gov](mailto:pdknoise@dekalbcountyga.gov) or call the noise hotline at (770) 936-5442.